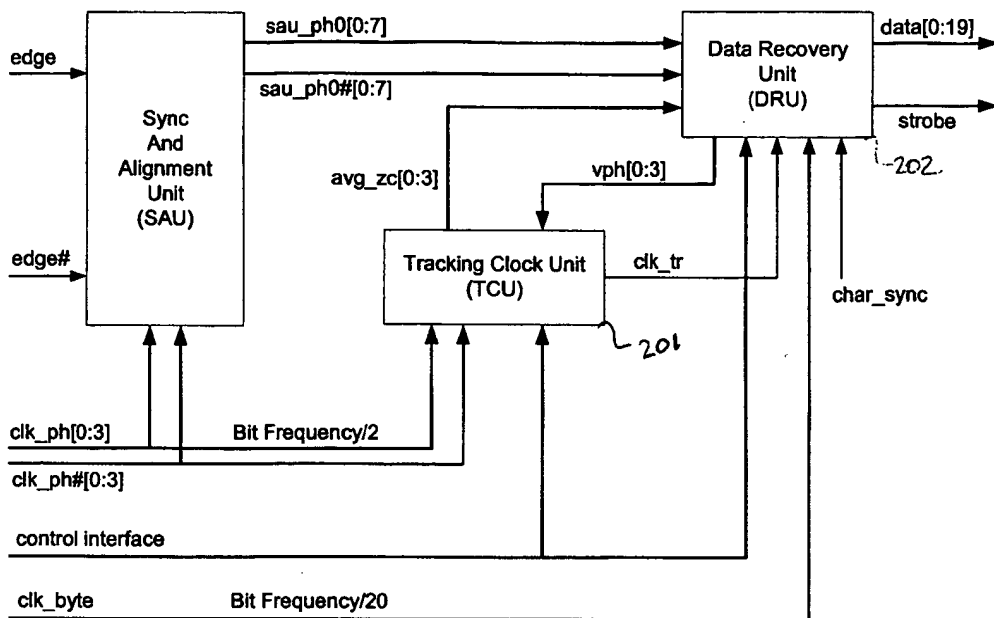


FIG. 1

High Level Block Diagram of Edge Based Receiver for 2.5Gb/s operation.



Edge Processing Block Diagram.

Fig. 2

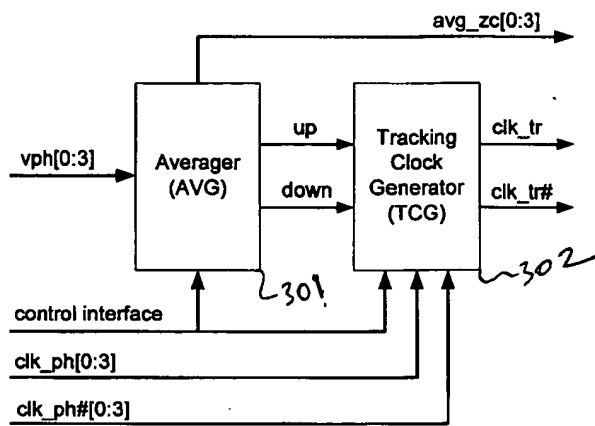
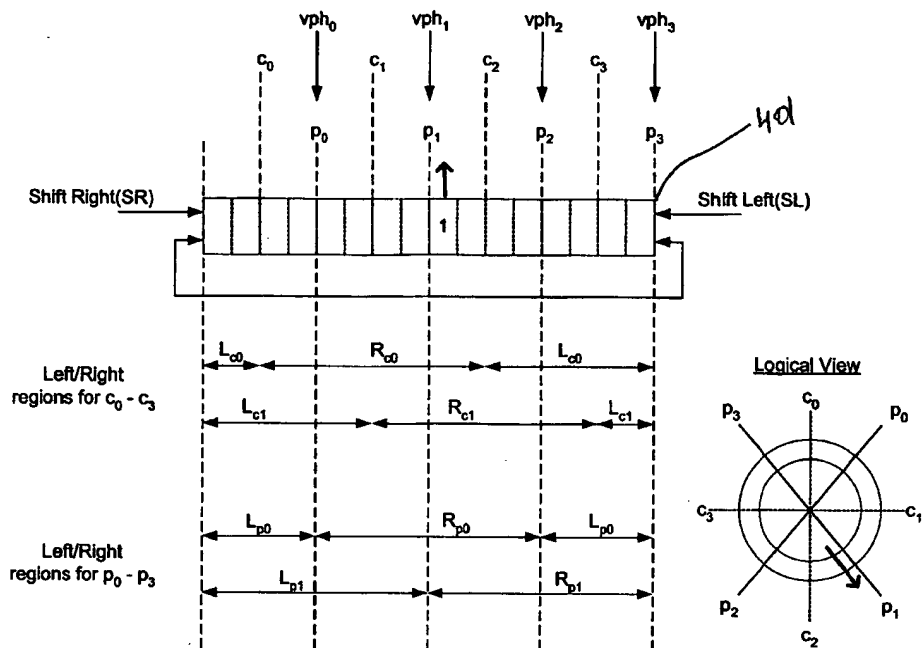


FIG.3

FIG. 3 Tracking Clock Unit (TCU) Block Diagram.



Legend :

p_i - phase / position

L_{pi} - region left of p_i

L_{ci} - region left of c_i

c_i - phase / center

R_{pi} - region right of p_i

R_{ci} - region right of c_i

Barrel Shifter for Phase Tracking.

FIG. 4

FIG. 5

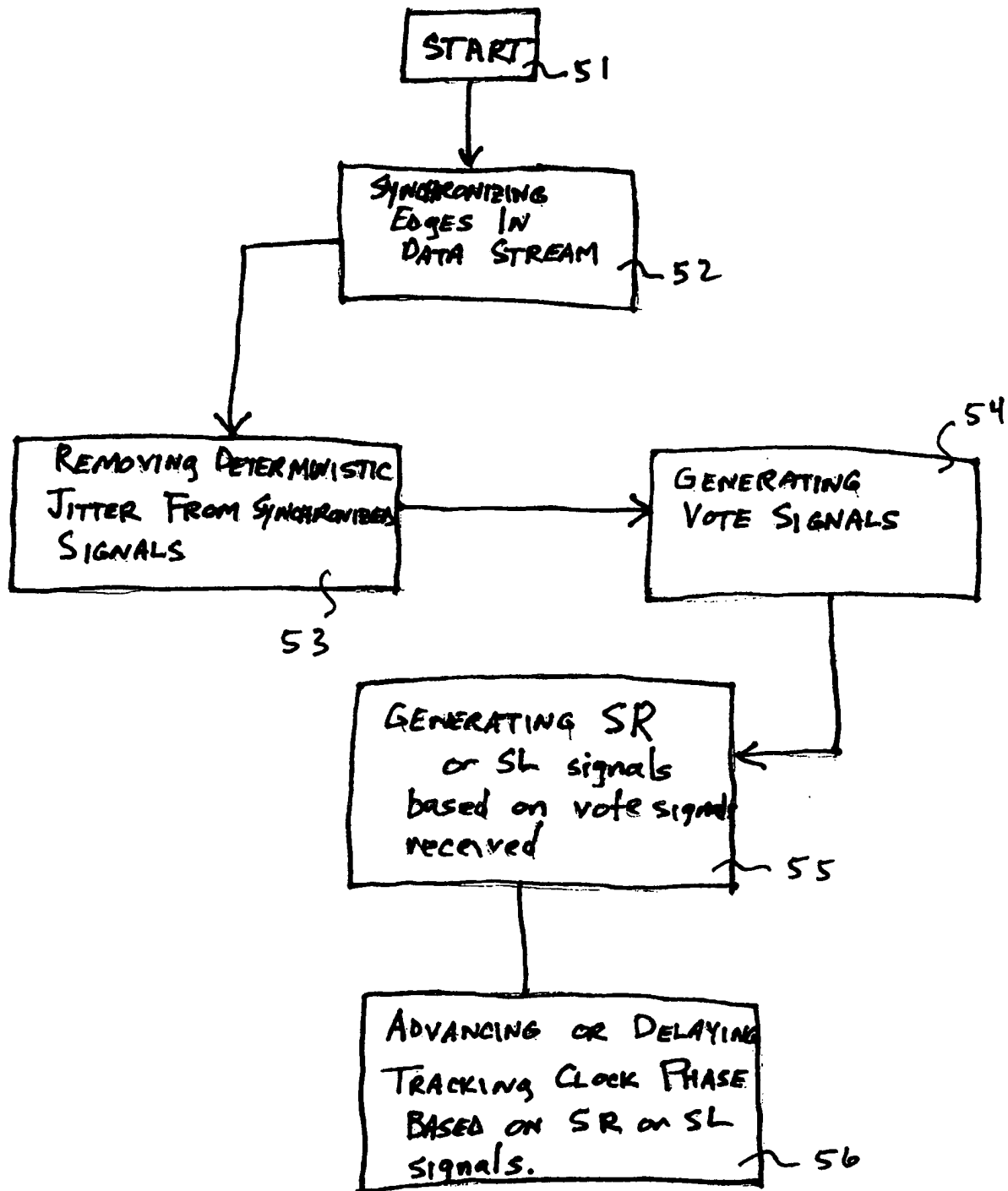


FIG 6 a

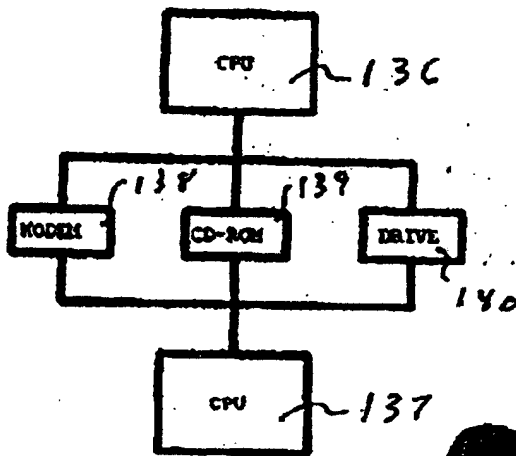


FIG 6b



FIG 6 c

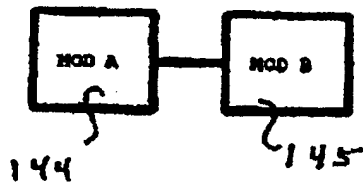


FIG 6 d

